

**DEVAL L. PATRICK** GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY JOHN AUERBACH

COMMISSIONER

### The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

12/05/2011

Nicole Cordeiro Assistant District Attorney, Suffolk County

Dear ADA Cordeiro,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for samples #
- Analysis sheets with custodial chemist's hand notations and test results.
- 4. GC/Mass Spectral analytical data for samples #

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Peter Piro was analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Annie Dookhan

Chemist

Sincerely

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6622

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

#### The Commonwealth of Massachusetts

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:002:00-4:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:001:00 - 3:00

City or Department: Bos for	_ Police Reference No.:	
Name and Rank of Submitting Officer: 20 Syb.V	Mila	
Defendant(s) Name (last, first, initial):		-
1	•	
To be completed by Submitter Description of Items Submitted	To be completed be Gross Weight	y Lab Personnel Lab Number
2PB/SUB 4 TOB/ PB	8,97g	
/ · · · · · · · / · ~	10,189	
- Top/ PB	10,189	
Received by:	Date:/_	1-3-11

No.

Date Analyzed: /1-21-/1

City: Boston D.C.U. Police Dept.

Cont: pb

Officer: P.O. SYBIL WHITE

Def:

Subst: SUB

Amount: No. Cont:

2

Date Rec'd: 11/03/2011

No. Analyzed: 1

Gross Wt.:

8.97

Net Weight: 0 - 05

# Tests: 4 ASO 2 P. P. 10

Prelim: Henois

Findings:

Date Analyzed: 11-9-11

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

1

Def:

No. Cont:

Amount:

Cont: pb

Date Rec'd: 11/03/2011

Gross Wt.:

10.18

No. Analyzed:

Net Weight: いいつ

# Tests: 1 980

Subst: TAB

Prelim: Buprenor phine

Findings: Buprenur phine

# DRUG POWDER ANALYSIS FORM

SAMPLE# AGENCY BO	COP TRYJANA COUR
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION: Sealed + Intact	- Gross Wt ( ): ○ . \ 36~
resubmittal bagin tact exec	
CBS -> OK to open. OK BAG INTACT	to open Pkg. Wt:
test buy originally tested	
Beige powdered substance	Balances: Methler AJ100 1.000 Senal # M29127 10.00
one tested -> double bagge	0. conque E40000 1.00
orginally SLD sumples.	Senal# 1785 10.0
	Degative control: -,-,-
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( ) hwe (weak)	Gold Chloride
Marquis purple	TLTA ( )
Froehde's PUTOLE	OTHER TESTS
Mecke's green.	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS YEARS	RESULTS HEADIN
DATE 11-7-11	MS OPERATOR 338
	DATE 11-11

## DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY BOS	ANALYST ASO
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION: Sealed + Intact	Gross Wt():
resusmit for testing in ibac	Gross Wt ( ):
intacted checked by cBS.	Pkg. Wt:
EO BIG IS INTACT YOK TO OPEN	CBS Net Wt: 1.4785
Morange hexagonal shapech -	taslet USECI I Whole new tab
3 whole tabs + 2 boxen tabl	ets. Balance Lamber Adjoor
originally sup	Onaus E 4000 L
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Micromedex. A+L(+)
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Bupinocahio	RESULTS Bupmorehus
DATE 157-11	MS OPERATOR 759
	DATE 11-9-11

# **Drug Information**

**DRUG NAME: SUBOXONE TABLET** 

**INGREDIENTS: BUPRENORPHINE -- 8 MG** 

NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo

Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -

Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

Availability: United States

**Product ID 6370996** 

Contact: Reckitt Benckiser

Pharmaceuticals





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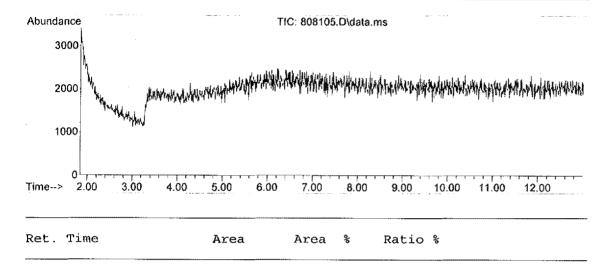
File Name : D:\System8\11\_18\_11\808105.D

Operator : LAG

Date Acquired : 18 Nov 2011 15:11

Sample Name : BLANK

Submitted by : Vial Number : 1 AcquisitionMeth: DRUGS.M Integrator : RTE



File Name : D:\System8\11\_18\_11\808106.D

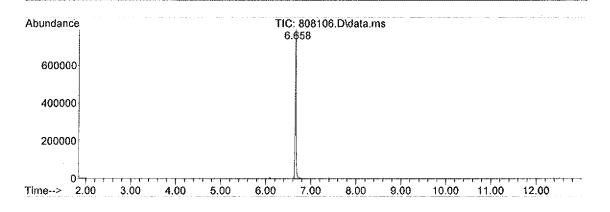
Operator : LAG

Date Acquired : 18 Nov 2011 15:27

Sample Name : HEROIN STD

Submitted by

Vial Number : 6 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	 Ratio %
6.658	1160739	

File Name : D:\System8\11\_18\_11\808106.D

Operator : LAG

Date Acquired : 18 Nov 2011 15:27

Sample Name : HEROIN STD

Submitted by Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

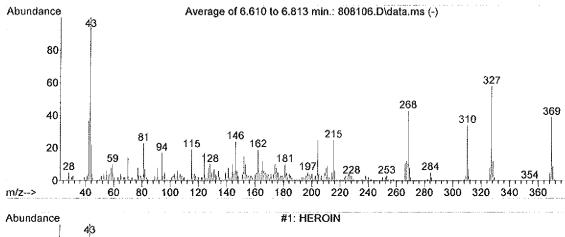
C:\Database\PMW\_TOX2.L

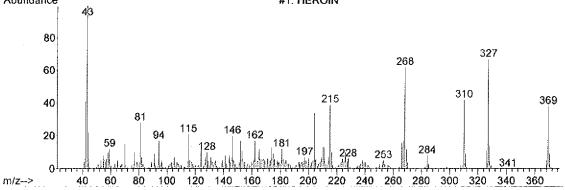
PK# RTLibrary/ID CAS# Qual

C:\Database\SLI.L 1 6.66

HEROIN

000561-27-3 99



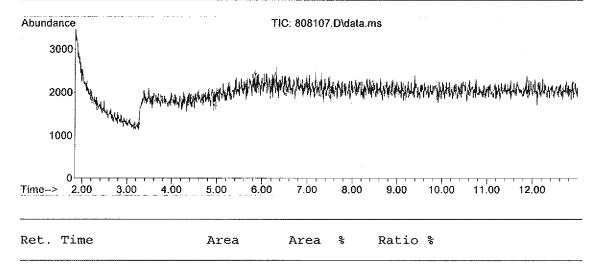


File Name : D:\System8\11\_18\_11\808107.D

Operator : LAG

Date Acquired : 18 Nov 2011 15:43

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS.M Integrator : RTE



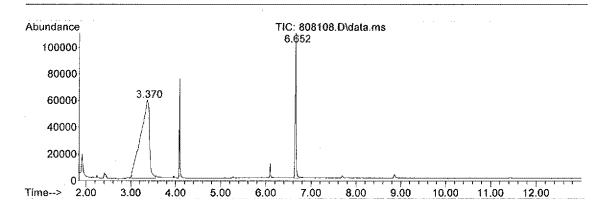
File Name : D:\System8\11\_18\_11\808108.D

Operator : LAG

Date Acquired : 18 Nov 2011 15:59

Sample Name : Submitted by :

Vial Number : 8
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area Area	a % Ratio %
3.370 6.652		.79 100.00 .21 19.35

File Name : D:\System8\11\_18\_11\808108.D

Operator : LAG

Date Acquired : 18 Nov 2011 15:59

Sample Name :

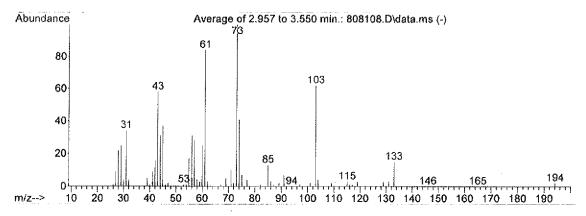
Submitted by : ASD
Vial Number : 8
AcquisitionMeth: DRUGS.M
Integrator : RTE

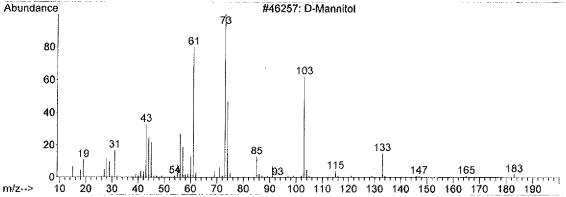
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

 PK#	RT	Library/ID	CAS#	Qual
1	3.37	C:\Database\NIST08.L		
		D-Mannitol	000069-65-8	90
		Sorbitol	000050-70-4	87
		D-Mannitol	000069-65-8	86





File Name : D:\System8\11 18 11\808108.D

Operator : LAG

Date Acquired 18 Nov 2011 15:59

Sample Name

Submitted by Vial Number 8 AcquisitionMeth: DRUGS.M Integrator : RTE

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

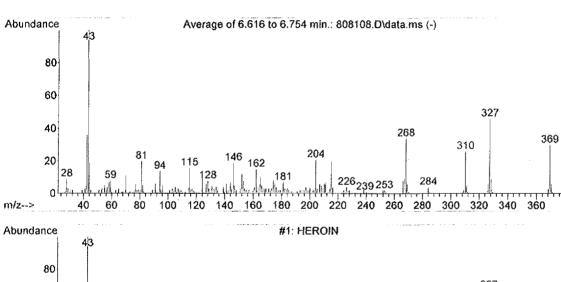
PK# RT Library/ID CAS# Qual

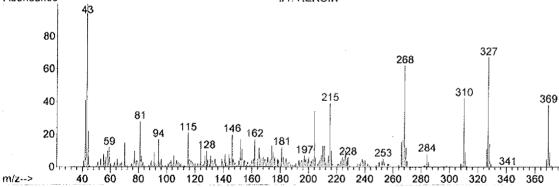
2 6.65 C:\Database\SLI.L

HEROIN

000561-27-3

87





File Name : D:\System8\11\_18\_11\808110.D

Operator : LAG

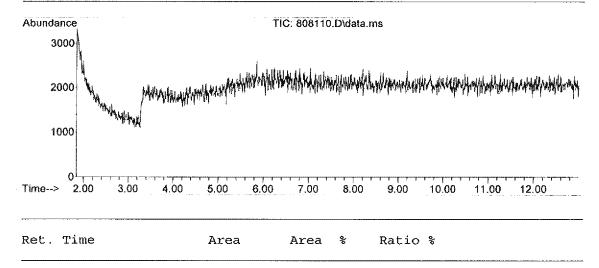
Date Acquired : 18 Nov 2011 16:32

Sample Name : BLANK

Submitted by :

Vial Number : 1

AcquisitionMeth: DRUGS.M Integrator : RTE



File Name : D:\System8\11\_18\_11\808111.D

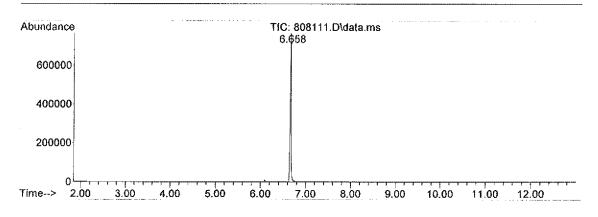
Operator : LAG

Date Acquired : 18 Nov 2011 16:48

Sample Name : HEROIN STD

Submitted by

Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	 Ratio %	
6.658	1162955	100.00	

File Name : D:\System8\11 18 11\808111.D

Operator : LAG

Date Acquired : 18 Nov 2011 16:48

Sample Name : HEROIN STD

Submitted by Vial Number 6 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

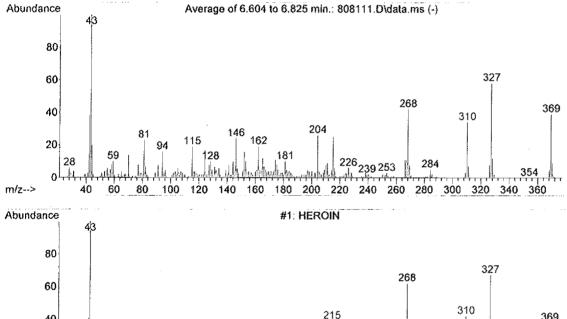
99

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 6.66 C:\Database\SLI.L

> HEROIN 000561-27-3



369 40 115 146 162 20 59 181 284 253 0 m/z--> 100 120 140 160 180 200 220 240 260 280 300 320 340 360

Area Percent / Library Search Report

P.P. 10

Information from Data File:

File Name : C:\msdchem\1\System7\11\_08\_11\807063.D

Operator : DJR

Date Acquired: 9 Nov 2011 1:13

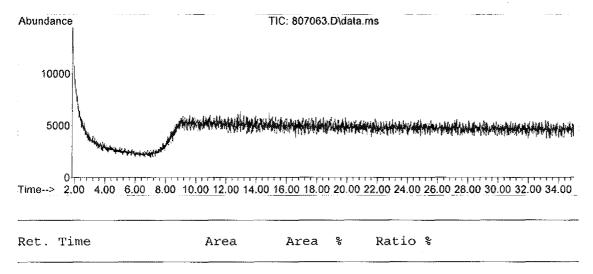
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



File Name : C:\msdchem\1\System7\11\_08\_11\807064.D

Operator : DJR

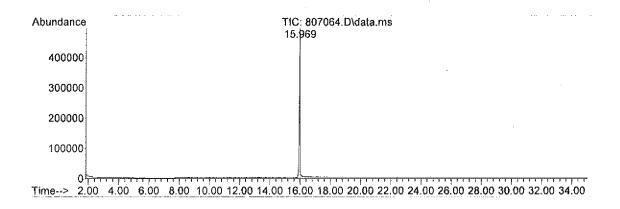
Date Acquired : 9 Nov 2011 1:52 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 64

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
15.969	1653492	100.00	100.00

```
Information from Data File:
 File Name
                   : C:\msdchem\1\System7\11 08 11\807064.D
 Operator
                    : DJR
 Date Acquired
                       9 Nov 2011
                                      1:52
 Sample Name
                     BUPRENORPHINE STD
 Submitted by
 Vial Number
                       64
 AcquisitionMeth: WSCREEN, M
 Integrator
                   : RTE
                        C:\Database\SLI.L
 Search Libraries:
                                                             Minimum Quality: 85
                        C:\Database\NIST05a.L
                                                             Minimum Quality: 85
                        C:\Database\PMW TOX2.L
    PK#
           RT
                    Library/ID
                                                                  CAS#
                                                                               Qual
     1
          15.97
                   C:\Database\NIST05a.L
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                99
                    6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7
                                                                                89
 Abundance
                          Average of 15.826 to 16.088 min.: 807064.D\data.ms (-)
             55
       80
       60
       40
                                                                       410 434
       20
                  84 101
                        123 141 162 191 216 239 256 282
                                                                             450467
                                                      307
                     40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460
 m/z-->
Abundance#181814: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-
       80
             55
      60
       40
                                                                       410
                                                                          434
      20
                                                             352
                                                                             450467
                        123 141 161 181 197 216 239 256 281
```

40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460

m/z-->

File Name : C:\msdchem\1\System7\11 08 11\807066.D

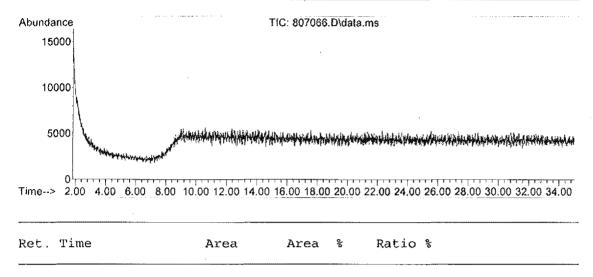
Operator : DJR

Date Acquired : 9 Nov 2011 3:10

Sample Name : BLANK Submitted by : ASD Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



File Name : C:\msdchem\1\System7\11\_08\_11\807067.D

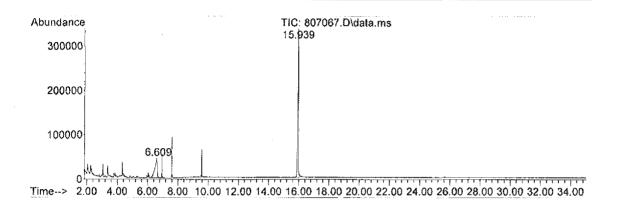
Operator : DJR

Date Acquired : 9 Nov 2011 3:49

Sample Name : Submitted by : ASD Vial Number : 67

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.609		28.46	39.79
15.939		71.54	100.00

File Name : C:\msdchem\1\System7\11 08 11\807067.D

Operator : DJR

Date Acquired : 9 Nov 2011 3:49

Sample Name : Submitted by : ASD Vial Number : 67

AcquisitionMeth: WSCREEN.M

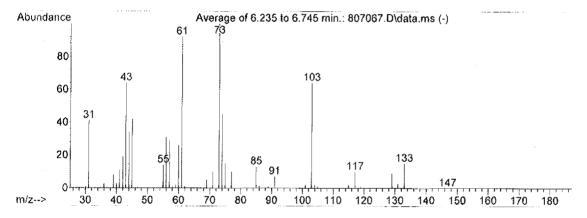
Integrator : RTE

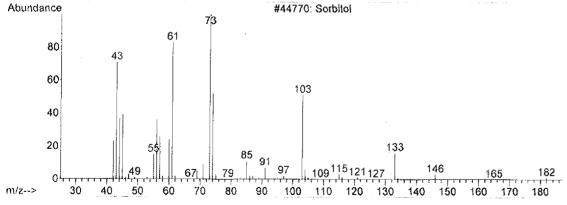
Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\NIST05a.L Minimum Quality: 85

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID	CAS#	Qual
-	1	6,61	C:\Database\NIST05a.L		
			Sorbitol	000050-70-4	91
			Sorbitol	000050-70-4	90
			Sorbitol	000050-70-4	72





File Name : C:\msdchem\1\System7\11\_08\_11\807067.D

Operator : DJR

Date Acquired: 9 Nov 2011 3:49

Sample Name : Submitted by : I

Vial Number : 67 AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

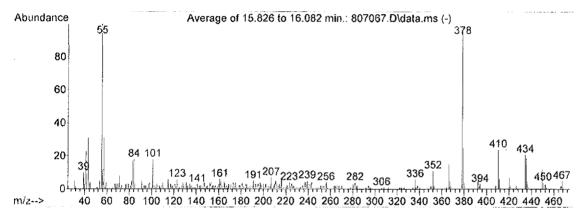
C:\Database\NIST05a.L Minimum Quality: 85

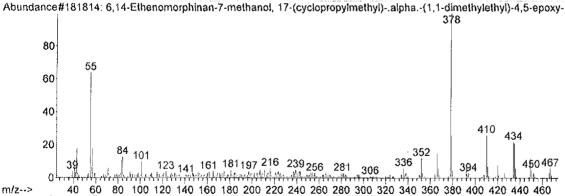
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

2 15.94 C:\Database\NIST05a.L

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 p-Chlorophenyl-6-methoxy-8-nitro-5- 1000251-33-0 94 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 90





File Name : C:\msdchem\1\System7\11\_08\_11\807069.D

Operator : DJR

Date Acquired : 9 Nov 2011 5:07

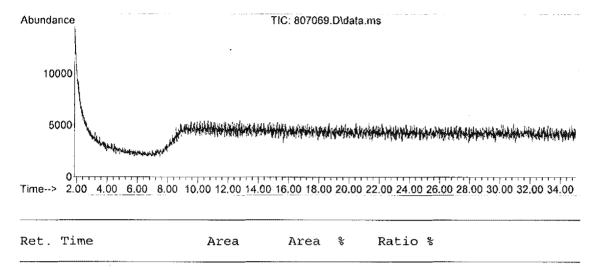
Sample Name : BLANK

Submitted by

Vial Number : 2

AcquisitionMeth: WSCREEN.M

Integrator : RTE



File Name : C:\msdchem\1\System7\11\_08\_11\807070.D

Operator : DJR

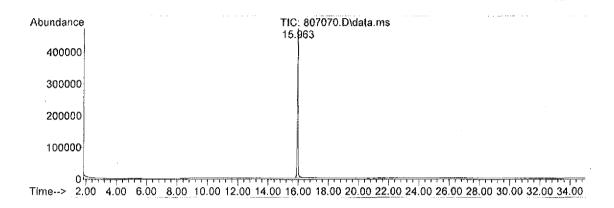
Date Acquired : 9 Nov 2011 5:46 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 64

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
15.963	1636366	100.00	100.00	

File Name : C:\msdchem\1\System7\11\_08\_11\807070.D

Operator : DJR

Date Acquired : 9 Nov 2011 5:46 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 64

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 15.96 C:\Database\NIST05a.L

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 90 Anthiaergosta-5,7,9,22-tetraene 107116-78-9 50

Minimum Quality: 85

